

**Notice of Allowability**

Application No.

09/925,674

Examiner

Sumesh Kaushal Ph.D.

Applicant(s)

CORY ET AL.

Art Unit

1633

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/28/06.
2. ☒ The allowed claim(s) is/are 6-10,21 and 22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 09155327.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Xiaochun Zhu on 07/25/06.

The application has been amended as follows:

#### IN THE CLAIMS

Claim 6, sec (i) line 1, "an" was replaced with – the – before "amino acid sequence"; and in sec (ii) line 1, "a" was replaced with – the – before "nucleotide sequence".

Claim 7, line 1, "An" was replaced with – The – before "isolated polypeptide".

Claim 8, line 1, "An" was replaced with – The – before "isolated polypeptide".

Claim 9, line 1, "An" was replaced with – The – before "isolated polypeptide".

Claim 10, line 1, "An" was replaced with – The – before "isolated polypeptide".

## IN THE SPECIFICATION

Page 24, line 14, after “bcl-w cDNAs” the text – (top line, “Bcl-w”, SEQ ID NO: 9) – was inserted before “and chimeric cDNAs” and in line 15 after “rox gene” the text – (bottom line, “Bcl-w-Rox”, SEQ ID NO: 10) – was inserted before “.”.

Page 26, line 20, “Human Bcl-2, Bcl-x<sub>L</sub>, Bcl-w, Bax and Bak” was replaced with -- Human Bcl-2 (SEQ ID NO: 11), Bcl-x<sub>L</sub> (SEQ ID NO: 12), Bcl-w (SEQ ID NO: 7), Bax (SEQ ID NO: 13) and Bak (SEQ ID NO: 14) – before “amino acid sequence were aligned”.

Page 27, line 6, -- (SEQ ID NO: 6) – was inserted after “human” and in line 7 – (SEQ ID NO: 8) – was inserted after “murine”.

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### REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: Claims 6-10 and 21-22 are free of prior art of record. The prior art does not teach or suggest amino acid sequences belonging to bcl-w family, comprising the amino acid sequence of SEQ ID NO:7 (encoding by human bcl-w, which comprise the nucleotide sequence of SEQ NO:6) and SEQ ID NO:9 (encoding the mouse bcl-w, which comprise the nucleotide sequence of SEQ NO:8). In addition, the applicant has provided evidence that the amino acid sequences of SEQ ID NO:7 and 9 were present in the priority documents US 09155327, PCT/AU97/00199 and PN8965 (see Exhibit 1 and 2 submitted 06/26/06).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sumesh Kaushal Ph.D. whose telephone number is 571-272-0769. The examiner can normally be reached on Mon-Fri. from 9AM-5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Nguyen can be reached on 571-272-0731.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to **571-272-0547**. For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**

  
**SUMESH KAUSHAL**  
**PRIMARY EXAMINER**  
**ART UNIT 1633**